| : | Index of Claims                                   |          |                |          |          |          |          |                 |          |                             |          |          |          |                 | Apı                 | Application/Control No. |           |             |            |                 |          |  |            |              | Applicant(s)/Patent under Reexamination |         |                        |           |               |                 |  |   |
|---|---|----------|----------------|----------|----------|----------|----------|-----------------|----------|-----------------------------|----------|----------|----------|-----------------|---------------------|-------------------------|-----------|-------------|------------|-----------------|----------|--|------------|--------------|---|---------|------------------------|-----------|---------------|-----------------|--|---|
|   |   |          |                |          |          |          |          |                 |          |                             |          |          |          |                 | 10/698,091          |                         |           |             |            |                 |          |  |            |              | WORRELL ET AL.                          |         |                        |           |               |                 |  |   |
| ; |   |          |                |          |          |          |          |                 |          |                             |          |          |          |                 | Examiner            |                         |           |             |            |                 |          |  |            | Art Unit     |   |         |                        |           |               |                 |  |   |
| ; |   |          |                |          |          |          |          |                 |          |                             |          |          |          |                 | Troy Chambers       |                         |           |             |            |                 |          |  | 3641       |              |   |         |                        |           |               |                 |  |   |
|   | . [   |          |                |          |          |          |          |                 |          |                             |          |          |          |                 |                     |                         | า<br>า    |             |            |                 |          |  |            |              | -                                       |         |                        |           |               |                 |  | - |
|   |   |          | √              | Rejected |          |          |          |                 | -        | (Through numer<br>Cancelled |          |          |          | era             | al) [               |                         |           | Non-Elected |            |                 | ted      |  | А          | Appeal       |   |         |                        |           |               |                 |  |   |
|   |   |          | =              | Allowed  |          |          |          |                 | ÷        | Restricte                   |          |          | ted      | ed              |                     |                         | ı         | lr          | Interferen |                 | ice      |  | 0          | Objected     |   |         |                        |           |               |                 |  |   |
| : | Cla   | im       | Date           |          |          |          |          | <br>e           |          |                             | ٦        | Claim    |          |                 |                     |                         | e         | •           |            |                 | Claim    |  | _          | Date         |   |         |                        | $\neg$    |               |                 |  |   |
|   |   |          | 3              |          |          |          |          | П               |          |                             | 7        |          |          | П               | T                   | T                       | Ī         |             |            |                 |          |  |            |              |   | Т       |                        |           |               |                 |  |   |
|   | Final   | Original | 8/22/05        |          |          |          |          |                 |          |                             |          | Final    | Original |                 |                     |                         |           |             |            |                 |          | Final  | Original   |              |   | İ       |                        |           |               |                 |  |   |
|   |   |          |                |          | _        |          |          | Ц               |          | $\perp$                     |          |          |          | Ш               |                     | $\perp$                 | _         |             |            |                 |          |  |            | Ш            |   | $\perp$ |                        | _         |               | Ш               |  |   |
|   |   | 2        | 1              | -        |          |          |          | $\vdash \vdash$ | -        |                             | -        | ļ        | 51<br>52 | $\vdash \vdash$ | +                   | +                       | +-        | -           | Н          |                 |          |  | 101        | Н            |   | +       | Н                      | +         | -             | Н               |  |   |
|   | <u> </u>  | 3        |                | $\dashv$ |          |          |          |                 |          | +                           |          |          | 53       |                 | +                   | _                       | +         |             |            |                 |          |  | 103        |              |   | +       | Н                      | $\dashv$  |               |                 |  |   |
|   |   | 4        |                |          |          |          |          | $\square$       |          |                             |          |          | 54       |                 |                     |                         |           |             |            |                 |          |  | 104        |              |   | 1       |                        | 4         |               |                 |  |   |
|   | -   | 5        | -              |          | -        | $\dashv$ | $\dashv$ | $\vdash \vdash$ | $\dashv$ | -                           | -        |          | 55<br>56 | ├┼              | +                   | - -                     | +         | ├           | H          | $\vdash$        | -        | _  | 105<br>106 |              | -                                       | ╁       |                        | $\dashv$  |               |                 |  |   |
|   |   | 7        | 1              | Н        |          |          |          | $\Box$          | $\dashv$ |                             | 7        |          | 57       |                 | $\dashv$            |                         | +-        | $\vdash$    | Н          |                 | $\dashv$ |  | 107        | Н            | +                                       | +       | H                      | $\dashv$  | $\top$        | H               |  |   |
|   |   | 8        |                |          |          |          |          |                 |          |                             |          |          | 58       |                 |                     |                         | I         |             |            |                 |          |  | 108        |              |   |         |                        |           |               |                 |  |   |
|   | <u> </u>  | 9<br>10  | 1              |          |          |          |          | Н               |          | +                           | 4        |          | 59<br>60 | ╀               | -                   | -                       | +-        | ╁           | H          |                 | -        |  | 109<br>110 | -            | +                                       | +       | $\vdash$               | -         | +-            | Н               |  |   |
|   |   | 11       | •              |          |          |          |          | $\vdash$        | $\dashv$ | +                           | 7        |          | 61       | $\vdash$        | $\top$              | $\dashv$                | +         | H           |            |                 | $\dashv$ |  | 111        | $\vdash$     | _                                       | +       | H                      | $\dashv$  | _             |                 |  |   |
|   |   | 12       |                |          |          |          |          | $\Box$          |          |                             |          |          | 62       |                 |                     |                         |           |             |            |                 |          |  | 112        |              |   | Τ.      |                        | $\Box$    |               |                 |  |   |
|   | -   | 13<br>14 | 1              |          |          | $\dashv$ |          | $\vdash \vdash$ | $\vdash$ | +                           |          | <u> </u> | 63<br>64 |                 |                     | - -                     | -         | -           |            |                 | -        | <u> </u>   | 113<br>114 | $\vdash$     |   | -       | $\vdash$               |           |               |                 |  |   |
|   | -   | 15       | 1              |          | _        |          |          | H               | $\dashv$ | $\dashv$                    | -        |          | 65       |                 | $\dashv$            | +                       |           | -           | -          |                 | $\dashv$ |  | 115        | Н            | $\dashv$                                | +       | $\vdash$               | $\dashv$  | +             | $\vdash$        |  |   |
|   |   | 16       |                |          |          |          |          |                 |          |                             |          |          | 66       |                 |                     |                         |           |             |            |                 |          |  | 116        |              |   | I       |                        |           |               |                 |  |   |
|   | <u> </u>  | 17<br>18 | _              |          |          |          | _        | $\vdash \vdash$ | $\dashv$ | +                           | 4        | <u> </u> | 67<br>68 | $\vdash$        | -                   |                         |           | -           | -          | $\vdash \vdash$ |          |  | 117<br>118 | Н            | -                                       | +       | $\vdash$               | -         |               | -               |  |   |
|   | . <del>                                    </del> | 19       | <del>  -</del> | -        |          |          |          | $\vdash$        | $\dashv$ | +                           | $\dashv$ | -        | 69       | $\vdash$        | +                   | +                       | +         | -           | $\vdash$   | H               | _        |  | 119        | $\vdash$     |   | +-      |                        | -         |               | $\vdash$        |  |   |
|   |   | 20       |                |          |          |          |          |                 |          |                             |          |          | 70       |                 |                     |                         |           |             |            |                 |          |  | 120        |              |   |         |                        |           |               |                 |  |   |
|   | <u> </u>  | 21<br>22 | -              |          |          |          |          | $\square$       | $\dashv$ | $\perp$                     | 4        | <u> </u> | 71<br>72 | $\vdash$        | 4                   | -                       | -         | -           |            | $\vdash \vdash$ | _        |  | 121<br>122 | $\vdash$     | $\dashv$                                |         | $\vdash \vdash$        | $\dashv$  |               | $\vdash \vdash$ |  |   |
|   | -   | 23       | H              |          |          |          |          | H               |          | +                           | $\dashv$ | ⊨        | 73       | $\vdash$        | $\dashv$            |                         | ╫         | ╁╾          |            | $\vdash$        |          |  | 123        | Н            | $\dashv$                                | +       | Н                      | $\dashv$  | +             | Н               |  |   |
|   |   | 24       |                |          | _        |          |          |                 |          |                             |          |          | 74       |                 |                     |                         |           | 厂           |            |                 |          |  | 124        |              |   |         |                        |           |               |                 |  |   |
|   |   | 25       |                |          |          |          |          |                 |          | _ _                         | 4        |          | 75       |                 |                     | _                       |           |             |            |                 |          |  | 125        |              |   |         |                        | _         |               |                 |  |   |
|   | <br>  | 26<br>27 | _              |          | _        |          |          | $\vdash$        | $\dashv$ | -                           | -        |          | 76<br>77 | $\vdash$        | +                   | +                       | -         | $\vdash$    |            | Н               | $\dashv$ |  | 126<br>127 | $\vdash$     | +                                       | +       |                        | $\dashv$  | +             | Н               |  |   |
|   |   | 28       |                |          | -        | Н        |          | $\vdash$        |          |                             | 7        |          | 78       |                 | 1                   | $\top$                  | T         |             |            |                 |          |  | 128        |              |   |         | П                      | $\neg$    |               | П               |  |   |
|   |   | 29       |                |          |          |          |          | $\square$       |          |                             | 7        |          | 79       |                 | $\perp$             | 1                       | $\perp$   |             |            | Ш               |          |  | 129        |              | 4                                       | _       | $\square$              | $\dashv$  |               | Ш               |  |   |
|   |   | 30<br>31 | $\vdash$       |          | _        | -        |          | $\vdash$        | $\dashv$ |                             | $\dashv$ | <u></u>  | 80<br>81 | $\vdash$        | +                   | +                       | +         | ┢           | $\vdash$   | $\vdash$        |          |  | 130<br>131 | $\vdash$     |   |         | ╢                      | $\dashv$  | +             | Н               |  |   |
|   | :   | 32       |                |          |          | _        |          |                 |          |                             | ┪.       |          | 82       | H               | $\dashv$            | $\top$                  | $\dagger$ | $\vdash$    |            | H               |          |  | 132        |              | $\top$                                  | _       |                        | $\exists$ |               | П               |  |   |
|   |   | 33       |                |          |          |          |          |                 |          |                             |          |          | 83       | П               | $\Box$              |                         | $\perp$   | lacksquare  |            |                 |          |  | 133        | $\coprod$    | $\Box$                                  |         |                        | $\Box$    | $\perp$       | П               |  |   |
|   | <br>  | 34<br>35 | $\vdash$       |          | _        | _        |          | H               |          | -                           | 4        |          | 84<br>85 | 1-1             | $\dashv$            | +                       | -         | ╁           | -          | ┝╼┤             | -        |  | 134<br>135 | +            | +                                       |         | $\left  \cdot \right $ | $\dashv$  |               | H               |  |   |
|   |   | 36       |                |          |          |          |          | H               |          | +                           | ╡        |          | 86       | Ħ               | 十                   | +                       | $\dagger$ | 十           |            | H               |          | <del>                                     </del> | 136        | <del> </del> | $\dashv$                                | +       | $\Box$                 | +         | _             | Н               |  |   |
|   |   | 37       |                |          |          |          |          |                 |          |                             |          |          | 87       | Ш               |                     | $\perp$                 | I         |             |            |                 |          |  | 137        |              |   |         |                        | $\Box$    |               |                 |  |   |
|   | :   | 38<br>39 | ļ              | -        |          |          | _        | $\vdash$        |          | - -                         | _        |          | 88<br>89 |                 | +                   | - -                     |           | ┼           | -          | $\vdash$        | _        | ļ  | 138<br>139 | $\vdash$     | -                                       | +       | H                      | $\dashv$  | -             | Н               |  |   |
|   | -   | 40       | -              |          | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$        | $\vdash$ | +                           | $\dashv$ | -        | 90       | +               | $\dashv$            | +                       | +         | +           | 1          | H               | $\dashv$ |  | 140        | $\vdash$     | +                                       | +       | H                      |           | +             | Н               |  |   |
|   |   | 41       |                |          |          |          |          |                 |          |                             |          |          | 91       |                 | $\rightrightarrows$ |                         |           |             |            |                 |          |  | 141        | $\Box$       |   | 1       |                        |           |               |                 |  |   |
|   | -   | 42<br>43 | _              |          |          | _        |          | $\vdash \vdash$ |          |                             | -        |          | 92       |                 | -                   | -                       | -         | -           | -          | $\vdash \mid$   | _        |  | 142<br>143 | $\vdash$     |   | +-      |                        | -         |               |                 |  |   |
|   |   | 43       | $\vdash$       | Н        | $\vdash$ | H        | $\vdash$ | H               | $\vdash$ | $\dashv$                    | $\dashv$ |          | 94       | ++              | +                   | -                       | +         | -           |            | H               | $\dashv$ |  | 144        |              | +                                       | +       | ++                     | $\dashv$  | +-            | Н               |  |   |
|   |   | 45       |                |          |          |          |          |                 |          |                             |          |          | 95       |                 |                     |                         |           |             |            |                 |          |  | 145        |              |   | $\perp$ |                        |           |               |                 |  |   |
|   | <u> </u>  | 46<br>47 | $\vdash$       | Н        | Н        | Н        | Ш        | H               | Н        | +                           | $\dashv$ |          | 96<br>97 | $\vdash \vdash$ | -                   | -                       | +         | -           |            | $\vdash \vdash$ | _        |  | 146<br>147 | $\vdash$     | $\dashv$                                |         | ⊢⊦                     |           |               | $\vdash \vdash$ |  |   |
|   | -   | 48       | -              | Н        | Н        | Н        | $\vdash$ | $\vdash$        | H        | $\dashv$                    | $\dashv$ |          | 98       |                 | $\dashv$            | $\dashv$                | +         | $\vdash$    | $\vdash$   | H               |          | -  | 148        |              | -                                       | +       | ╁┤                     | -         | _             | ┝┤              |  |   |
|   |   | 40       | _              |          |          | _        |          |                 | -        |                             | ┪        |          | 00       |                 | $\rightarrow$       | _                       | 1         | 1           | 1          |                 | $\neg$   |  | 4.40       | $\vdash$     |   |         | 1 1                    | -         | $\rightarrow$ | — (             |  |   |